

**HIGH THROUGHPUT SCREEN FOR INHIBITORS OF**  
**THE FOLATE BIOSYNTHETIC PATHWAY IN BACTERIA**

**ABSTRACT OF THE INVENTION**

5           Methods for identifying compounds that are inhibitors of bacterial tetrahydrofolate  
biosynthesis are disclosed. Such compounds can be used as lead compounds in methods for  
preparing antibacterial agents for treating bacterial infections (e.g., in humans, animals, and  
plants). The disclosed methods allow for high throughput screening of libraries of test  
10       compounds.